

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME Churchill Chemical Corp.		EMERGENCY TELEPHONE NO. (213) 269-0461
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 3137 E. 26th Street, Los Angeles, Calif. 90023		
CHEMICAL NAME AND SYNONYMS Polysulfide	TRADE NAME AND SYNONYMS 3C-1300	
CHEMICAL FAMILY Polysulfide	FORMULA HS-R-SH	

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS Carbonates-Lithopone ~	30		BASE METAL		
CATALYST Lead Peroxide ~	20		ALLOYS		
VEHICLE Polysulfide Polymer ~	60		METALLIC COATINGS		
SOLVENTS Toluene ~	1.5		FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES Adhesion promoter ~	2		OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)

SECTION III: PHYSICAL DATA

BOILING POINT (°F)	N.A.	SPECIFIC GRAVITY (H ₂ O = 1)	
VAPOR PRESSURE (mm Hg.)	10mm	PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)	N.A.	EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER	N.A.		

APPEARANCE AND ODOR **Lifht cream color (Base), dark brown (catalyst)**

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) Open cup 170°F	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA CO₂, water, dry chemicals			
SPECIAL FIRE FIGHTING PROCEDURES None			

UNUSUAL FIRE AND EXPLOSION HAZARDS

Cure agent (only) is a peroxide

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
 USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

5-8 g/kilo

EFFECTS OF OVEREXPOSURE

May cause skin or eye irritation

EMERGENCY AND FIRST AID PROCEDURES

Wash affected area thoroughly with soap and water, in case of eye contact use clear water. Call Physican

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (MATERIALS TO AVOID)

None

HAZARDOUS DECOMPOSITION PRODUCTS

Sulfides

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	Temperatures over 300°F

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Regular Clean-up

WASTE DISPOSAL METHOD

Regular waste disposal

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

No special protection

VENTILATION	LOCAL EXHAUST Yes	SPECIAL None
	MECHANICAL (GENERAL)	OTHER

PROTECTIVE GLOVES

Recommended

EYE PROTECTION

Recommended

OTHER PROTECTIVE EQUIPMENT

None

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Wash thoroughly after handling, store below 85°F

OTHER PRECAUTIONS

None

M.B. Smith

PREPARED BY

M.B. Smith

4/75

DATE